

## 108.2 - Metal Constituents in Fossil Fuels (liquid and solid forms)

These SRMs and RM are for analysis of metal trace elements in fuel oil and reference fuels. [Also see Category 114.]

Technical Contact: [william.kelly@nist.gov](mailto:william.kelly@nist.gov)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Elemental Composition (mass fraction, in %)								
SRM	Description	Unit of Issue	As	Co	Ni	S	Se	V
1634c	Trace Elements in Fuel Oil	100 mL	0.1426	0.1510	17.54	(2)	0.1020	28.19
8505	Vanadium in Crude Oil	250 mL						(390*)

Values in parentheses are not certified and are given for information only.

\* Values are in mg/kg.

\*\* This SRM is a "No. 6" fuel oil in terms of viscosity but has a flash point of 43 °C.